

# Converting Colors

XYZ(57.9750, 62.4968, 35.1876)

Have a look what the booklet for  
XYZ(57.9750, 62.4968, 35.1876)  
contains.

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# Color

**XYZ(58.0112, 62.4561,  
34.9843)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0CF8F
RGB	224, 207, 143
RGB Percent	88%, 81%, 56%
CMY	0.1216, 0.1882, 0.4392
CMYK	0.00, 0.08, 0.36, 0.12
HSL	47°, 57%, 72%
HSV	47°, 36%, 88%
XYZ	58.0112, 62.4561, 34.9843
YIQ	204.7870, 30.6760, -16.3000

# Conversions

## Conversions Part 2

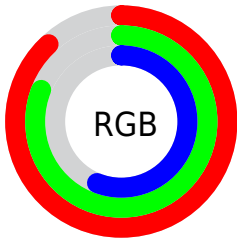
Format	Color
R <sub>Y</sub> B	165, 224, 143
Decimal	14733199
CIE Lab	83.16, -3.27, 33.97
CIE LCh	83, 34.131, 95.495
Yxy	62.4561, 0.3732, 0.4018
Android (android.graphics.Color)	4292923279 (0xFFE0CF8F)
YUV	204.7870, -30.4610, 16.8498
Hunter-Lab	79.0292, -7.2735, 29.0742

# Details

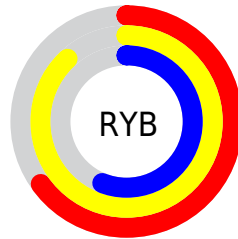
The XYZ color **58.0112, 62.4561, 34.9843** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.3527, 36.3619, 75.5709**, and the grayscale version is **58.0681, 61.0921, 66.5293**.

A 20% lighter version of the original color is **87.0780, 96.8112, 66.9203**, and **29.4714, 31.8800, 14.7254** is the 20% darker color. If you saturate the color by 10%, you get **55.3597, 59.6028, 26.5482**, and if you desaturate by 10%, it is **61.0386, 65.5184, 45.2187**.

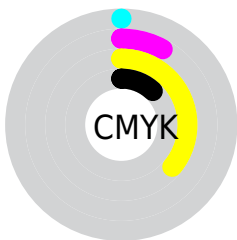
# Distribution



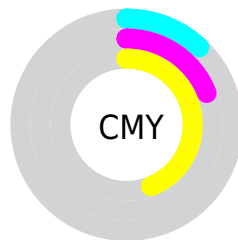
- Red (88%)
- Green (81%)
- Blue (56%)



- Red (65%)
- Yellow (88%)
- Blue (56%)



- Cyan (0%)
- Magenta (8%)
- Yellow (36%)
- Black (12%)



- Cyan (12%)
- Magenta (19%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0112, 62.4561, 34.9843 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 58.0112, 62.4561, 34.9843 by changing the saturation by 10% instead.



■ 58.0112, 62.4561,  
34.9843

■ 58.0112, 62.4561,  
34.9843

407.1809,  
433.5929, 339.4012

■ 42.0609, 45.4013,  
23.3673

■ 101.0620,  
108.3845, 68.6127

■ 29.3403, 31.7737,  
14.6571

■ 128.8933,  
138.0268, 91.4613

■ 19.4840, 21.1887,  
8.4352

161.4157,  
172.6339, 118.8908

■ 12.1266, 13.2620,  
4.2829

198.9945,  
212.5900, 151.3197

■ 6.9028, 7.6092,  
1.7818

241.9950,  
258.2795, 189.1667

■ 3.4472, 3.8459,  
0.4159

290.7827,

■ 1.3944, 1.5877,

310.0869, 232.8503

0.0000

345.7229,  
368.3966, 282.7889

■ 0.2522, 0.3493,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 58.0112, 62.4561,  
34.9843

■ 58.0112, 62.4561,  
34.9843

■ 55.3597, 59.6028,  
26.5482

■ 61.0386, 65.5184,  
45.2187

■ 53.0588, 56.9414,  
19.7996


■ 64.4561, 68.7893,  
57.3456


■ 51.0874, 54.4650,  
14.6216


■ 68.2827, 72.2789,  
71.4572

■ 49.4198, 52.1629,  
10.8806


■ 72.5349, 75.9944,  
87.6384


 48.0261, 50.0227,  
8.4206


 77.2279, 79.9421,  
105.9678

 46.8691, 48.0291,  
7.0473

 78.5573, 82.6010,  
106.4109

 46.4631, 47.2925,  
6.6795

 79.9223, 85.3310,  
106.8659

 81.3231, 88.1326,  
107.3329

 82.7600, 91.0065,  
107.8118

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.4591, 62.4561, 37.2676



58.0112, 62.4561, 34.9843



51.4820, 62.4561, 39.9409

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.0112, 62.4561, 34.9843



48.5202, 62.4561, 94.5007



73.2666, 62.4561, 86.3355

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58.0112, 62.4561, 34.9843



37.3527, 36.3619, 75.5709

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.0091, 62.4561, 106.8476



58.0112, 62.4561, 34.9843



53.6570, 62.4561, 112.2060

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.0112, 62.4561, 34.9843



46.3017, 62.4561, 71.9793



60.7349, 62.4561, 117.1381



74.6743, 62.4561, 64.1780



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.0112, 62.4561, 34.9843



48.3971, 62.4561, 47.4422



60.7349, 62.4561, 117.1381



71.8707, 62.4561, 93.7848

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58.0128, 62.4590, 34.9856



89.0094, 94.6257, 86.2101



46.9568, 38.0502, 38.3808



18.9026, 20.1175, 17.9041



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.0128, 62.4590, 34.9856



75.2329, 81.0252, 38.6040



55.7147, 67.7190, 36.1220



14.6149, 15.5157, 14.5313



27.1307, 27.6993, 3.9166



1.9425, 2.0439, 0.2921



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37.3527, 36.3619, 75.5709



43.8572, 41.4084, 100.2888



38.9930, 33.1291, 74.8604



13.1839, 13.7069, 17.3385



8.4905, 4.4505, 41.4599



0.6532, 0.4378, 2.8953



# Previews

## White Background



This preview shows how the XYZ color 58.0112, 62.4561, 34.9843 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

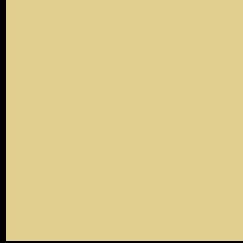
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 58.0112, 62.4561, 34.9843 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 58.0112, 62.4561, 34.9843**

## **Background**



This preview shows how black text looks on a background with the XYZ color 58.0112, 62.4561, 34.9843.



This preview shows how white text looks on a background with the XYZ color 58.0112, 62.4561,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

58.0112, 62.4561, 34.9843

### Protanopia

58.0112, 62.4561, 34.9843

### Deuteranopia

63.6627, 62.2067, 35.4398



## Tritanopia

65.4830, 62.3481, 71.5338

# Trichromacy



## Original Color

58.0112, 62.4561, 34.9843

## Protanomaly

58.0112, 62.4561, 34.9843

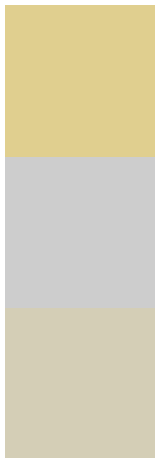
## Deuteranomaly

61.5173, 62.1376, 35.1370

## Tritanomaly

62.2768, 62.0621, 56.2738

# Monochromacy



## Original Color

58.0112, 62.4561, 34.9843

## Achromatopsia

58.0276, 61.0496, 66.4830

## Achromatomaly

57.6662, 61.5171, 53.0906

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 58.0112, 62.4561, 34.9843 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(224, 207, 143)` looks like.

```
.text, #text, p{  
    color:rgb(224, 207, 143)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(224, 207, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 207, 143) }
```

## Border

The CSS property to change the border of an element to XYZ 58.0112, 62.4561, 34.9843 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 207, 143) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(224, 207, 143) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(224, 207, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 207, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 207, 143);  
box-shadow:4px 4px 4px 4px rgb(224, 207,  
143) }
```

# Background

The CSS property to change the background color of an element to XYZ 58.0112, 62.4561, 34.9843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 207, 143) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(224,  
207, 143) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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